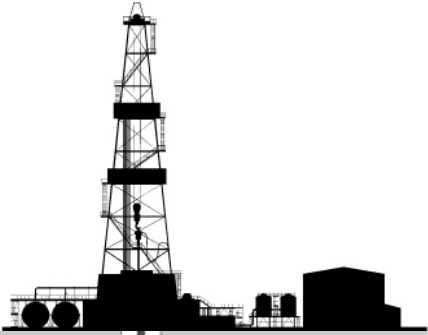


NEXT GENERATION FISHING AND PIPE RECOVERY

Supercharge your Jarring BHA with DownHole Power



Available now in the Permian Basin

In conventional fishing applications, delivering the power required to the stuck point in extended laterals presents numerous challenges. Jarring has long been accepted as the standard best practice, however the Ardyne DownHole Power Tool (DHPT) enables contingency power in the event jarring is ineffective. Following unsuccessful jarring operations the DHPT can be anchored in casing and pressured up to enable a surface controlled max pull directly to the fish, eliminating hook load losses along the lateral section.

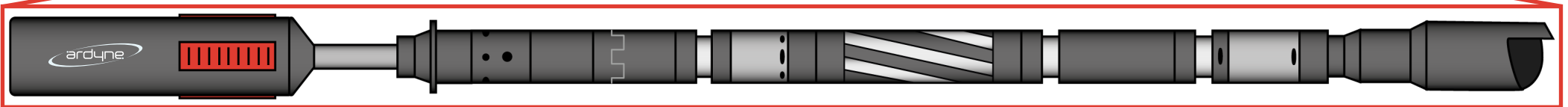
The DHPT has over 1,000 runs globally, delivering a consistent and reliable performance track record. By integrating the DHPT into the jarring BHA multiple trips can be eliminated from the fishing operation.

Benefits

- DHPT can be run in conjunction with jarring BHA
- No guessing on forces applied to fish
- Reduced wear and tear on BHA, workstring and derrick
- No friction lost at the curve
- Immediate indication when the fish is free
- Can be used in low fluid level wells
- No excessive overpull at surface

Description	DownHole Power Tool (DHPT)	
DHPT OD	4.440 in	5.750 in
Setting ID Range	4.670 to 5.920 in	5.920 to 8.500 in
ID	1.50 in	1.50 in
Pull (lbs) per psi	36.31	85.60
Max. Force Generation*	290,480 lbf	522,845 lbf

*At 100% of yield, no safety factor



Jar with DownHole Power Tool

DHPT

Ball Activation Sub

Safety Joint

Accelerator

Drill Collars

Jar

Bumper Sub

Fishing Tool